

JAN 22 1982

U.S. DEPARTMENT OF LABO.
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

DPM 1346-2

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Cadillac Plastic and Chemical Co.		EMERGENCY TELEPHONE NO. 616/343-1341
ADDRESS (Number, Street, City, State, and ZIP Code) 148 Parkway, Kalamazoo, Michigan 49006		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS PS-18 Comp B
CHEMICAL FAMILY Organic Peroxide Mixture	FORMULA (C₆H₅CO)₂O₂	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	N/A		BASE METAL	N/A	
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Benzoyl Peroxide				50	5 mg/m ³
DiCyclo Hexyl Phthalate				50	

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT, VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____=1)	
SOLUBILITY IN WATER	Insol.		
APPEARANCE AND ODOR	White granules with slight odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N/A	FLAMMABLE LIMITS	N/A	Lel	Uel
EXTINGUISHING MEDIA					
SPECIAL FIRE FIGHTING PROCEDURES Small fires - water, foam, or CO ₂ . Large fires - evacuate area and keep peroxide wet and cool.					
UNUSUAL FIRE AND EXPLOSION HAZARDS May be ignited by contamination with strong oxidizing or reducing agents, including polymerization accelerators.					

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE **5 mg/m³ pure benzoyl peroxide**

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

In case of contact with skin, wash with soap and water. In case of contact with eyes, wash with copious quantities of water and consult physician. If ingested, induce vomiting and consult a physician immediately.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
Store below 80 deg F	STABLE	X	Heat, sparks, open flame and direct sunlight.

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

Biphenyl - toxic and flammable (2 ppm, 1 mg/m³)

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wash any skin areas contacted.

WASTE DISPOSAL METHOD

Using a non-sparking shovel, deposit peroxide in small shallow piles on several sheets of newspaper. Ignite with torch having six-foot handle and back away. Do not burn more than one pound at a time.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
Recommended	

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Use only with inert, noncontaminating materials. Polyethylene, stainless steel, teflon, or nylon are generally suitable. Do not use with materials susceptible to

to oxidation. Do not have in work area, more material than may be used in one production shift.